

Amendments to the Claims


Please replace the Claims as shown below:

1. (currently amended) A method of ~~modifying a global electronic resource~~ comprising:

displaying a list of parameter identifiers and respective parameter values
associated therewith for use in a first electronic design project;

selecting highlighting the global electronic resource via an input device wherein
the global electronic resource is associated with a first programmable microcontroller
circuit a parameter value of said respective parameter values that are displayed, said
parameter value corresponding to a parameter identifier of said list;

in response to said highlighting via said input device said parameter value,
displaying a plurality of possible parameter values which can be chosen for the global
~~electronic resource in response to said selecting said parameter identifier;~~

choosing one of the plurality of possible parameter values that are displayed as a
chosen parameter value for ~~the global electronic resource~~ said parameter identifier via 
the input device; and

storing the chosen parameter value as a default global setting for use by a
second ~~programmable microcontroller circuit~~ electronic design project.

2. (currently amended) The method according to Claim 1 further comprising applying
the default global setting to the second ~~programmable microcontroller circuit~~ electronic
design project.

3. (currently amended) The method according to Claim 1 wherein said displaying the plurality of possible parameter values includes displaying a pop-up list that comprises the plurality of possible parameter values.

4. (currently amended) The method according to Claim 1 wherein said ~~displaying the plurality of parameter values includes displaying a window comprising the plurality of parameter values~~ parameter identifier corresponds to a CPU clock speed or a sleep timer.

5. (currently amended) The method according to Claim 1 wherein ~~the input device is a computer mouse, a track ball, or a touch pad~~ said parameter identifier corresponds to a phase lock loop mode.

6. (currently amended) The method according to Claim 1 ~~further comprising propagating the chosen parameter value throughout said first programmable microcontroller circuit~~ wherein said parameter identifier corresponds to a clock divider ratio or analog power.

7. (currently amended) A method ~~of modifying a global electronic resource comprising:~~
displaying a list of parameter identifiers and respective parameter values
associated therewith for use in a first programmable microcontroller circuit;

selecting highlighting a ~~displayed value of the global electronic resource~~ via an input device wherein the ~~global electronic resource is associated with a first~~ ~~programmable microcontroller circuit~~ a parameter value of said respective parameter values that are displayed via an input device, said parameter value corresponding to a parameter identifier of said list;

in response to said highlighting said parameter value, displaying a window comprising a plurality of possible parameter values which can be selected for the ~~global electronic resource in response to said selecting the displayed value~~ said parameter identifier;

selecting one of the plurality of possible parameter values as a selected parameter value for the ~~global electronic resource~~ parameter identifier via the input device; and

storing the selected parameter value as a default ~~global electronic~~ setting for use by a second programmable microcontroller circuit.

8. (currently amended) The method according to Claim 7 wherein ~~the input device comprises a computer mouse~~ the parameter identifier corresponds to a CPU clock speed or analog power.

9. (currently amended) The method according to Claim 7 wherein ~~the input device comprises a track ball~~ the parameter identifier corresponds to a phase lock loop mode.

10. (currently amended) The method according to Claim 7 wherein ~~the input device comprises a touch pad~~ the parameter identifier corresponds to a sleep timer.

11. (currently amended) The method according to Claim 7 wherein ~~the window comprises a pop-up list~~ the parameter identifier corresponds to a clock divider ratio.

12. (currently amended) A system ~~for selecting and using a current global parameter value~~ comprising:

a global resource menu configured to display ~~a value of a global electronic resource~~ a list of parameter identifiers and respective parameter values associated therewith for use in a first design project, and configured to display a plurality of ~~global possible~~ parameter values which can be chosen for ~~the global electronic resource~~ a parameter identifier of said list in response to ~~the value being selected~~ an input device highlighting a parameter value of said respective parameter values that are displayed, and configured to allow one of the plurality of ~~global possible~~ parameter values to be chosen as ~~the current global~~ a current parameter value for said parameter identifier;

a global resource parameter selector coupled to the global resource menu and configured to set the current ~~global~~ parameter value for an associated ~~electronic~~ hardware resource; and

a global resource database coupled to the global resource parameter selector for tracking a location within the associated ~~electronic~~ hardware resource and for storing

the current global parameter value as a default global setting for use among a plurality of programmable microcontroller circuits in a second design project.

13. (currently amended) The system according to Claim 12 ~~further comprising an input device connected to the global resource menu for choosing one of the plurality of global parameter values~~ wherein said parameter identifier corresponds to a CPU clock speed or a clock divider ratio.

14. (currently amended) The system according to ~~Claim 13~~ Claim 12 wherein the input device ~~comprises a computer mouse~~ said parameter identifier corresponds to analog power.

15. (currently amended) The method according to ~~Claim 13~~ Claim 12 wherein the input device ~~comprises a track ball~~ said parameter identifier corresponds to a phase lock loop mode.

16. (currently amended) The method according to ~~Claim 13~~ Claim 12 wherein the input device ~~comprises a touch pad~~ said parameter identifier corresponds to a sleep timer.

17. (currently amended) In a design system for programming integrated circuits, a method of ~~processing global electronic design resources~~ comprising:

displaying, in tabular form, a list of ~~global electronic design resources~~ parameter names and respective ~~global design~~ parameter values associated therewith for use in a first programmable ~~microcontroller~~ integrated circuit;

in response to a user ~~selection of~~ highlighting a ~~global electronic design resource~~ parameter value of said respective parameter values that are displayed, displaying a window comprising a plurality of possible values which can be selected for ~~said global electronic design resource~~ a parameter name of said list;

in response to a user selection of a value of said plurality of possible values, assigning ~~said global electronic design resource to said value to said parameter name~~;

and

in response to the user selection of the value, storing said value of said ~~global electronic design resource~~ parameter name to a default ~~global~~ setting for use in a second programmable ~~microcontroller~~ integrated circuit.

18. (currently amended) The method as described in Claim 17 ~~further comprising~~:

~~selecting said global electronic design resource; and~~

~~selecting said value wherein said parameter name corresponds to a CPU clock speed or a clock divider ratio.~~

19. (currently amended) The method as described in ~~Claim 18~~ Claim 17 wherein said ~~selectings are performed using a cursor control device~~ wherein said parameter name corresponds to analog power.

20. (currently amended) The method as described in Claim 17 further comprising:

~~updating a memory resident database comprising said global electronic design resources parameter names and associated parameter values; and~~

~~propagating said global electronic design resources and associated parameter values across the first programmable microcontroller circuit~~ wherein said parameter name corresponds to a phase lock loop mode.

21. (currently amended) The method as described in Claim 17 wherein said method further comprising:

~~propagating said global electronic design resources and associated parameter values across the first programmable microcontroller circuit~~ parameter name corresponds to a sleep timer.

22. (currently amended) The method as described in ~~Claim 17~~ Claim 21 wherein said window comprises a pop-up list.

23. (currently amended) A design system for programming integrated circuits comprising:

a processor coupled to a bus; and

a memory coupled to said processor, said memory containing instructions for implementing a method of ~~processing global electronic design resources~~, said method comprising:

displaying, in tabular form, a list of ~~global electronic design resources~~ parameter identifiers and respective ~~global design~~ parameter values associated therewith for use in a first programmable microcontroller integrated circuit;

in response to a user selection of highlighting a global electronic design resource parameter value of said respective parameter values that are displayed, displaying a window comprising a plurality of possible values which can be ~~selected~~ chosen for said ~~global electronic design resource~~ a parameter identifier of said list;

in response to a user selection of a chosen value of said plurality of possible values, assigning said ~~global electronic design resource to said~~ chosen value to said parameter identifier; and

in response to the user selection of the chosen value, storing said chosen value of said ~~global electronic design resource~~ parameter identifier to a default ~~global~~ setting for use in a second programmable microcontroller integrated circuit.

24. (currently amended) The design system as described in Claim 23 wherein said ~~method further comprises:~~

~~selecting said global electronic design resource; and~~

~~selecting said value~~ parameter identifier corresponds to a CPU clock speed or a sleep timer.

25. (currently amended) The design system as described in ~~Claim-24~~ Claim 23 wherein said ~~selectings are performed using a cursor control device~~ parameter identifier corresponds to a phase lock loop mode.

26. (currently amended) The design system as described in Claim 23 wherein said ~~method further comprises:~~

~~updating a memory resident database comprising said global electronic design resources and associated parameter values~~ parameter identifier corresponds to analog power.

27. (currently amended) The design system as described in ~~Claim-26~~ Claim 23 wherein said ~~method further comprises:~~

~~propagating said global electronic design resources and associated parameter values across said first programmable microcontroller circuit~~ parameter identifier corresponds to a clock divider ratio.

28. (currently amended) The design system as described in ~~Claim-23~~ Claim 27 wherein said window comprises a pop-up list.